FLORA.

LIVERPOOL. Equatoreal. (Mr. Hartnup.)

1849.	Greenwich M.T. h m s	R.A. h m s	N.P.D. ° ′ ″	Compd—Obsd. R.A. s	Compd—Obsd. N.P.D. ″	Star. B.A.C.
May 3	11 50 15·2	14 5 26·40	92 50 14·2	+1·40	+10·8	4665–4748
4	10 56 36·1	4 30·23	46 44·4	1·73	10·7	,, ,,
5	12 9 37·2	3 30·16	43 5·0	1·43	10·7	,, ,,
7	12 40 5·4	1 36·16	36 30·1	1·56	12·0	,, ,,
8	10 16 3·6	14 0 46·42	33 48·7	1·65	10·7	,, ,,
11	12 11 51·3	13 58 2·17	92 25 31·7	+1·54	+11·0	,, ,,

"The places of the stars are taken from the catalogue cited. The observed places are corrected for refraction and parallax. The computed places are deduced from Dr. Brünnow's ephemeris, published in the present *Monthly Notice*."

Ephemeris. By Dr. Brünnow.

For Greenwich Mean Midnight.

Communicated by Professor Schumacher.

1849.	R.A. h m s	N.P.D. ° ′ ″	1849.	R.A. h m s	N.P.D. ° ′ ″
April 1	14 35 28·41	95 32 55·5	April 26	14 12 27·21	93 19 36·2
2	34 44·59	27 30·0	27	11 26·32	15 3·3
3	33 59·42	22 2·3	28	10 25·62	10 37·3
4	33 12·95	16 32·6	29	9 25·20	6 18·9
5	32 25·21	11 1·3	30	8 25·11	93 2 7·9
6	31 36·26	95 5 28·7	May 1	7 25·42	92 58 4·7
7	30 46·15	94 59 55·2	2	6 26·20	54 10·0
8	29 54·90	54 21·2	3	5 27·51	50 23·5
9	29 2·57	48 46·9	4	4 29·42	46 45·8
10	28 9·23	43 12·7	5	3 31·97	43 17·1
11	27 14·93	37 38·9	6	2 35·24	39 57·6
12	26 19·71	32 6·1	7	1 39·27	36 47·3
13	25 23·65	26 34·6	8	14 0 44·12	33 46·7
14	24 26·78	21 4·7	9	13 59 49·85	30 55·8
15	23 29·19	15 36·7	10	58 56·51	28 14·9
16	22 30·94	10 11·3	11	58 4·14	25 43·9
17	21 32·08	94 4 48·5	12	57 12·80	23 23·3
18	20 32·70	93 59 29·0	13	56 22·54	21 13·1
19	19 32·86	54 13·1	14	55 33·40	19 13·2
20	18 32·63	49 1·2	15	54 45·42	17 23·9
21	17 32·09	43 53·7	16	53 58·65	15 45·4
22	16 31·30	38 51·1	17	53 13·12	14 17·7
23	15 30·34	33 53·7	18	52 28·89	13 0·8
24	14 29·29	29 1·8	19	51 45·98	11 54·7
25	14 13 28·22	93 24 15·9	20	13 51 4·43	92 10 59·7

1849.	R.A. h m s	N.P.D. ° ′ ″	1849.	R.A. h m s	N.P.D. ° ′ ″
May 21	13 50 24·28	92 10 15·7	June 11	13 42 15·56	92 35 50·9
22	49 45·57	9 42·3	12	42 9·68	38 53·0
23	49 8·30	9 20·2	13	42 5·37	42 4·2
24	48 32·51	9 9·5	14	42 2·60	45 24·3
25	47 58·22	9 9·4	15	42 1·41	48 52·9
26	47 25·45	9 20·3	16	42 1·79	52 30·2
27	46 54·22	9 42·0	17	42 3·69	92 56 15·9
28	46 24·54	10 14·4	18	42 7·12	93 0 9·9
29	45 56·43	10 57·7	19	42 12·08	4 12·1
30	45 29·90	11 51·7	20	42 18·55	8 22·3
31	45 4·94	12 56·1	21	42 26·53	12 40·3
June 1	44 41·57	14 11·1	22	42 35·99	17 6·0
2	44 19·80	15 36·5	23	42 46·93	21 39·4
3	43 59·62	17 12·1	24	42 59·33	26 20·0
4	43 41·05	18 57·9	25	43 13·18	31 8·0
5	43 24·06	20 53·6	26	43 28·46	36 3·0
6	43 8·67	22 59·2	27	43 45·15	41 4·9
7	42 54·87	25 14·6	28	44 3·25	46 13·6
8	42 42·67	27 39·5	29	44 22·71	51 29·0
9	42 32·05	30 14·0	30	13 44 43·55	93 56 50·8
10	13 42 23·01	92 32 57·8			

The Computed—Observed places for May 7 are about + 1ˢ·7, and + 11″, by Mr. Hartnup's observations.

The right ascensions are reckoned from the true equinox, and the places of this ephemeris, like those in the *Nautical Almanac*, should agree with the observations when these are corrected for refraction and parallax.

Horizontal Parallax.

		″			″			″
April	1	5·31	May	3	5·49	June	4	4·87
	5	5·38		7	5·45		8	4·76
	9	5·44		11	5·39		12	4·66
	13	5·49		15	5·33		16	4·55
	19	5·51		19	5·25		20	4·45
	21	5·54		23	5·16		24	4·35
	25	5·54		27	5·07		28	4·25
	29	5·52		31	4·97			